

## End of Result Set

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L2: Entry 1 of 1

File: USPT

Nov 19, 2002

US-PAT-NO: 6484149

DOCUMENT-IDENTIFIER: US 6484149 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Systems and methods for viewing product information, and methods for generating web pages

DATE-ISSUED: November 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jammes; Pierre J.	Bellevue	WA		
Franklin; D. Chase	Seattle	WA		
Remington; Darren B.	Issaquah	WA		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 08/ 948453 [PALM]

DATE FILED: October 10, 1997

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/26

US-CL-CURRENT: 705/26

FIELD-OF-SEARCH: 705/26, 705/27, 705/28

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

[Search Selected](#)[Search ALL](#)

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>5491795</u>	February 1996	Beaudet et al.	345/346
<input type="checkbox"/>	<u>5715314</u>	February 1998	Payne et al.	380/24
<input type="checkbox"/>	<u>5745681</u>	April 1998	Levine et al.	705/26
<input type="checkbox"/>	<u>5790116</u>	April 1998	Malone et al.	345/335
<input type="checkbox"/>	<u>5757917</u>	May 1998	Rose et al.	380/25
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<input type="checkbox"/>	<u>5855015</u>	December 1998	Shoham	707/5
<input type="checkbox"/>	<u>5897622</u>	April 1999	Blinn et al.	705/26
<input type="checkbox"/>	<u>5956487</u>	September 1999	Venkatraman et al.	340/825.06
<input type="checkbox"/>	<u>5970471</u>	October 1999	Hill	705/26
<input type="checkbox"/>	<u>6014638</u>	January 2000	Burge et al.	705/27

ART-UNIT: 2132

PRIMARY-EXAMINER: Smithers; Matthew

ATTY-AGENT-FIRM: Lee & Hayes, PLLC

ABSTRACT:

A system and method for designing and operating an electronic store (1) permit a merchant to organize and advertise descriptions of product inventory over the Internet, (2) permit Web page information to be extracted on-demand from a product inventory database, and (3) permit Web pages to be automatically customized to fit shopping behaviors of individual consumers. A graphical store design user interface of a Web browser displays a hierarchical representation of products and, product groups of an electronic store. A user manipulates icons of the Web browser store design user interface to cause a Web server to modify relationships between products and product groups stored in a product information database. A store designer creates HTML template files, embeds database and customize references within the template files, and assigns template files to groups or products of the electronic store.

The Web server receives requests to access Web pages from consumers using standard Web browsers. The Web server opens a template file related to the requested Web page, creates hyperlinks and other information content by executing database references embedded within the template file, and merges the hyperlinks and content with the template file to generate an HTML Web page to send to the Web browser. The Web server automatically creates additional hyperlinks to any Web pages or products preferred by the consumer by executing customize instructions associated with customize references in a template file. To determine whether any products or Web pages are preferred by a consumer, the Web server examines a traffic analysis database and extracts the consumer's history of accesses to Web pages and orders of products. For each Web page the consumer has accessed, the Web server uses preferred page rules to determine whether the page was accessed with sufficient frequency to generate a hyperlink to the page. For each product the consumer ordered, the Web server uses preferred product rules to determine whether the product was ordered with sufficient frequency to generate a hyperlink to a page offering the product.

17 Claims, 33 Drawing figures

01/07/5053

# WEST Search History

DATE: Wednesday, October 29, 2003

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side by side

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result set

*DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR*

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L11	L10 and ((transmit\$ or send\$) with (software or code or instruction))	12	L11
L10	L9 and ((merchant or seller) with (site or web\$))	30	L10

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OP=OR*

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END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 8 of 8 returned.**☐ 1. Document ID: US 6625581 B1

L13: Entry 1 of 8

File: USPT

Sep 23, 2003

US-PAT-NO: 6625581

DOCUMENT-IDENTIFIER: US 6625581 B1

TITLE: METHOD OF AND SYSTEM FOR ENABLING THE ACCESS OF CONSUMER PRODUCT RELATED INFORMATION AND THE PURCHASE OF CONSUMER PRODUCTS AT POINTS OF CONSUMER PRESENCE ON THE WORLD WIDE WEB (WWW) AT WHICH CONSUMER PRODUCT INFORMATION REQUEST (CPIR) ENABLING SERVLET TAGS ARE EMBEDDED WITHIN HTML-ENCODED DOCUMENTS

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWOC
Draw Desc	Image										

☐ 2. Document ID: US 6606744 B1

L13: Entry 2 of 8

File: USPT

Aug 12, 2003

US-PAT-NO: 6606744

DOCUMENT-IDENTIFIER: US 6606744 B1

TITLE: Providing collaborative installation management in a network-based supply chain environment

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWOC
Draw Desc	Image										

☐ 3. Document ID: US 6484149 B1

L13: Entry 3 of 8

File: USPT

Nov 19, 2002

US-PAT-NO: 6484149

DOCUMENT-IDENTIFIER: US 6484149 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Systems and methods for viewing product information, and methods for generating web pages

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWOC
Draw Desc	Image										

☐ 4. Document ID: US 6446045 B1

L13: Entry 4 of 8

File: USPT

Sep 3, 2002

US-PAT-NO: 6446045

DOCUMENT-IDENTIFIER: US 6446045 B1

TITLE: Method for using computers to facilitate and control the creating of a plurality of functions

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC
Draw Desc	Image										

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☐ 5. Document ID: US 6260024 B1

L13: Entry 5 of 8

File: USPT

Jul 10, 2001

US-PAT-NO: 6260024

DOCUMENT-IDENTIFIER: US 6260024 B1

TITLE: Method and apparatus for facilitating buyer-driven purchase orders on a commercial network system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC
Draw Desc	Image										

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☐ 6. Document ID: US 6125352 A

L13: Entry 6 of 8

File: USPT

Sep 26, 2000

US-PAT-NO: 6125352

DOCUMENT-IDENTIFIER: US 6125352 A

**\*\* See image for Certificate of Correction \*\***

TITLE: System and method for conducting commerce over a distributed network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMOC
Draw Desc	Image										

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☐ 7. Document ID: US 5809144 A

L13: Entry 7 of 8

File: USPT

Sep 15, 1998

US-PAT-NO: 5809144

DOCUMENT-IDENTIFIER: US 5809144 A

TITLE: Method and apparatus for purchasing and delivering digital goods over a network

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

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☐ 8. Document ID: US 4799156 A

L13: Entry 8 of 8

File: USPT

Jan 17, 1989

US-PAT-NO: 4799156

DOCUMENT-IDENTIFIER: US 4799156 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Interactive market management system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMOC
Draw Desc	Image									

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Terms	Documents
L12 and l11	8

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# WEST



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L13: Entry 1 of 8

File: USPT

Sep. 23, 2003

US-PAT-NO: 6625581

DOCUMENT-IDENTIFIER: US 6625581 B1

TITLE: METHOD OF AND SYSTEM FOR ENABLING THE ACCESS OF CONSUMER PRODUCT RELATED INFORMATION AND THE PURCHASE OF CONSUMER PRODUCTS AT POINTS OF CONSUMER PRESENCE ON THE WORLD WIDE WEB (WWW) AT WHICH CONSUMER PRODUCT INFORMATION REQUEST (CPIR) ENABLING SERVLET TAGS ARE EMBEDDED WITHIN HTML-ENCODED DOCUMENTS

DATE-ISSUED: September 23, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Perkowski; Thomas J.	Darien	CT		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
IPF, Inc.	Stamford	CT			02

APPL-NO: 09/ 447121 [PALM]

DATE FILED: November 22, 1999

## PARENT-CASE:

RELATED CASES This Application is a Continuation-in-Part of Application 09/441,973 filed Nov. 17, 1999; which is a Continuation-in-Part of application Ser. No. 09/284,917 filed Jun. 25, 1999 which was entered into the U.S. on Apr. 21, 1999 which is a National Stage Entry Application from International Application No. PCT/US97/19227 filed Oct. 27, 1997, published as WIPO Publication No. WO 98/19259 on May 7, 1998; as well as a Continuation-in-Part of the following U.S. applications: Ser. No. 08/736,798 filed Oct. 25, 1996, now U.S. Pat. No. 5,918,214; Ser. No. 08/752,136 filed Nov. 19, 1996, now U.S. Pat. No. 6,064,979; Ser. No. 08/826,120 filed Mar. 27, 1997; U.S. Pat. No. 08/854,877 filed May 12, 1997, now U.S. Pat. No. 5,950,173; Ser. No. 08/871,815 filed Jun. 9, 1997, now abandoned; and U.S. Ser. No. 08/936,375 filed Sep. 24, 1997, each said Application is commonly owned by IPF, Inc., and is incorporated herein by reference in its entirety as if fully set forth herein.

## FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
JP	6-107574	April 22, 1994
FR	96 12524	October 6, 1996

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/27; 705/26, 705/14, 709/200, 709/245

US-CL-CURRENT: 705/27; 705/14, 705/26, 709/200, 709/245

FIELD-OF-SEARCH: 705/26, 705/27

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

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<input type="checkbox"/> 4841132	June 1989	Kajitani et al.	
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<input type="checkbox"/> 5902353	May 1999	Reber et al.	709/219
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<input type="checkbox"/> 5992752	November 1999	Wilz, Sr. et al.	
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<input type="checkbox"/> 6108656	August 2000	Durst et al.
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<input type="checkbox"/> 6134548	October 2000	Gottzman et al.
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<input type="checkbox"/> 6314451	November 2001	Landsman et al.
<input type="checkbox"/> 6314457	November 2001	Schena et al.
<input type="checkbox"/> 6317761	November 2001	Landsman et al.
<input type="checkbox"/> 6430554	August 2002	Rothschild
<input type="checkbox"/> 6448979	September 2002	Schena et al.
<input type="checkbox"/> 2001/0033225	October 2001	Razavi et al.

340/425.5

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
O 744 856	November 1996	EP	
O 822 535	February 1998	EP	
O 837 406	April 1998	EP	
O 856 812	May 1998	EP	
WO 98/25198	June 1998	EP	
O 856 812	May 1999	EP	
WO 00/28455	May 1900	WO	
WO 95/15533	June 1995	WO	
WO 96/30864	October 1996	WO	
WO 97/01137	January 1997	WO	
WO 97/07656	March 1997	WO	
WO 97/21183	June 1997	WO	
WO 97/37319	October 1997	WO	
WO 98/02847	January 1998	WO	
WO 98/03923	January 1998	WO	
WO 98/06055	February 1998	WO	
WO 98/09243	March 1998	WO	
WO 98/19259	May 1998	WO	
WO 98/20411	May 1998	WO	
WO 98/20434	May 1998	WO	
WO 98/20440	May 1998	WO	
WO 98/21679	May 1998	WO	
WO 98/21713	May 1998	WO	
WO 98/24036	June 1998	WO	
WO 98/24049	June 1998	WO	
WO 98/29822	July 1998	WO	
WO 98/34458	August 1998	WO	
WO 98/35297	August 1998	WO	
WO 98/38589	September 1998	WO	
WO 98/38761	September 1998	WO	
WO 98/51035	November 1998	WO	
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WO 98/51077	November 1998	WO	
WO 98/57295	December 1998	WO	
WO 98/58320	December 1998	WO	
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WO 00/16205	March 2000	WO	
WO 00/16211	March 2000	WO	
WO 00/43862	July 2000	WO	
WO 00/45302	August 2000	WO	
WO 00/50844	August 2000	WO	
WO 00/63780	October 2000	WO	
WO 00/65509	November 2000	WO	
WO 00/70525	November 2000	WO	
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WO 01/15019	March 2001	WO	
WO 01/15021	March 2001	WO	
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## OTHER PUBLICATIONS

IDOC's, Linking the worlds of print and electronic media, dated Sep. 11, 1998.\*  
U.S. patent application Ser. No. 08/691,263, Swift et al., filed Jan. 1, 2000.  
Product brochure for the Open AdStream System (OAS) by Real Media, 1995, pp. 1-9.  
Product brochure entitled "The Catalog" (1996) by QuickResponse Services Corporation, www.qrs.com, pp. 1-2.  
Operating manual for the QRS Keystone for Vendors (1996) by QRS Corporation, www.qrs.com, pp. 1-126.  
Operating manual for the QRS Keystone for Retailers (1996) by QRS Corporation, www.qrs.com, pp. 1-115.  
Web-based product brochure for the Synclink Item Catalog by Vialink, Inc., <http://www.vialink.com/products/products-catalog.html>, 1 page.  
Excerpts from the web-based publication entitled "Introduction to JDBC.TM." by JavaSoft, circa 1999, <http://java.sun.com/docs/books/dbc/intro.html>, pp. 1-4.  
Scientific article entitled "Animating the Ad" by Mark Gimein, The Industry Standard, Feb. 22-Mar. 1, 1999, pp. 1-6.  
Web-based product brochure for "Home Network Enliven Services" by Enliven Services, <http://www.enliven.com/products/prodinfo.htm>, 1999, pp. 1-8.  
Web-based product brochure for "Thinking Media ActiveAds" by Thinking Media, <http://thethinkingmedia.com/activeads/index.html>, 1999, 1 page.  
Product brochure for "NCR Web Kiosk Solutions" by NCR Corporation, www.ncr.com, 1999, pp. 1-14.  
Scientific publication entitled "In-House vs. Out-Sourced Ad Serving" by Real Media, Inc., Fort Washington, PA, Dec. 22, 1998, pp. 1-4.  
Scientific publication entitled "IDOCs.TM. Linking the Worlds of Print and Electronic Media.SM." by NeoMedia Technologies, Inc., Sep. 11, 1998, pp. 1-8.  
Press Release entitled "Applied Intelligence Group Inc. Announces New Product Solution that Enhances its Core ViaLink Service" by Investors Press Releases., [http://www2.vialink.com/investors/press\\_releases/02\\_24\\_98.html](http://www2.vialink.com/investors/press_releases/02_24_98.html), Feb. 24, 1998, pp. 1-2.  
Web-based technical report entitled "Amended Annual Report (10KSB) for Applied Intelligence Group, Inc." <http://www.edgar-online.com>, Mar. 28, 1997, pp. 1-55.  
Draft Technical Report entitled "The Retail Store of the Future: Crest of the Third Wave" by Robert J. Corey, Ph.D. and John R. Spears, Ed.D., Jan. 15, 1997, pp. 1-45.  
Product Brochure for the PREMO WEBDOX by Premenos Corporation, Concord, CA, www.premenos.com, 1997, 1 page.  
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Scientific publication entitled "Smart Catalogs and Virtual Catalogs" by Keller, Computer Sci.Dept., Stanford University, 1995, pp. 1-11.  
Scientific publication entitled "World-Wide Web: The Information Universe", 1996, by Tim Berners-Lee et al., CERN, 1211 Geneva 23, Switzerland, pp. 1-8.  
U.S. patent application Ser. No. 08/771,823, Kraftsow et al., filed Aug. 21, 1997.  
100-058PCT000, 2001.  
PCT/US97/19227, 1998.

ART-UNIT: 3625

PRIMARY-EXAMINER: Coggins; Wynn W.

ASSISTANT-EXAMINER: Fadok; Mark

ATTY-AGENT-FIRM: Perkowski, Esq., PC; Thomas J.

### ABSTRACT:

Method of and system for delivering consumer product related information to consumers over the Internet. The system and method involves creating an UPN-encoded Consumer Product Information (CPIR) enabling Applet for each consumer product registered within a manufacturer-managed UPN/URL database management system. Each CPIR-enabling Applet is encapsulated within an executable file and then stored in the UPN/URL database management system. Each CPIR-enabling Applet is searchable and downloadable by, for example, (1) retailers purchasing products from an electronic-commerce enabled product catalog, (2) advertisers desiring to link consumer product information to Web-based product advertisements, or (3) anyone having a legitimate purpose of disseminating such information within the stream of electronic commerce. After downloading and extraction from its encapsulating file, the CPIR-enabling Applet is embedded within an HTML-encoded document associated

with, for example, an EC-enabled store, on-line auction site, product advertisement, Internet search engine or directory, and the like. Upon encountering such an Applet-encoded HTML document on the WWW, the consumer need only perform a single mouse-clicking operation to automatically execute the underlying CPIR-enabling Applet (on either the client or server side of the network), causing a UPN-directed search to be performed against the manufacturer-defined UPN/URL Database, and the results thereof displayed in an independent Java GUI, without disturbing the consumer's point of presence on the WWW. Preferably, the CPIR-enabling Applets are realized using Java.TM. technology, although it is understood that alternative technologies can be used to practice the system and methods of the present invention.

28 Claims, 78 Drawing figures

9/875053

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L13: Entry 2 of 8

File: USPT

Aug 12, 2003

US-PAT-NO: 6606744

DOCUMENT-IDENTIFIER: US 6606744 B1

TITLE: Providing collaborative installation management in a network-based supply chain environment

DATE-ISSUED: August 12, 2003

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Mikurak; Michael G.	Hamilton	NJ		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Accenture, LLP	Palo Alto	CA			02

APPL-NO: 09/ 444654 [PALM]

DATE FILED: November 22, 1999

INT-CL: [07] G06 F 9/445

US-CL-ISSUED: 717/174; 717/174, 717/178, 705/26

US-CL-CURRENT: 717/174; 705/26, 717/178

FIELD-OF-SEARCH: 717/168, 717/170, 717/171, 717/174, 717/177, 717/172, 717/102, 717/176, 717/178, 705/1, 705/21, 705/26, 705/28, 709/201, 709/217, 709/227

PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

Search Selected

Search ALL

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	4491947	January 1985	Frank	
<input type="checkbox"/>	4972453	November 1990	Daniel et al.	
<input type="checkbox"/>	5109337	April 1992	Ferriter et al.	
<input type="checkbox"/>	5159685	October 1992	Kung	
<input type="checkbox"/>	5297031	March 1994	Guttermann et al.	
<input type="checkbox"/>	5483637	January 1996	Winokur et al.	
<input type="checkbox"/>	5495610	February 1996	Shing et al.	709/221
<input type="checkbox"/>	5513343	April 1996	Sakano et al.	
<input type="checkbox"/>	5539877	July 1996	Winokur et al.	
<input type="checkbox"/>	5611048	March 1997	Jacobs et al.	713/202

<input type="checkbox"/>	5621663	April 1997	Skagerling	
<input type="checkbox"/>	5646864	July 1997	Whitney	
<input type="checkbox"/>	5655068	August 1997	Opoczynksi	
<input type="checkbox"/>	5694546	December 1997	Reisman	
<input type="checkbox"/>	5696975	December 1997	Moore et al.	717/168
<input type="checkbox"/>	5729735	March 1998	Meyering	
<input type="checkbox"/>	5761502	June 1998	Jacobs	
<input type="checkbox"/>	5764543	June 1998	Kennedy	
<input type="checkbox"/>	5768501	June 1998	Lewis	
<input type="checkbox"/>	5819028	October 1998	Manghirmalani et al.	
<input type="checkbox"/>	5832196	November 1998	Croslin et al.	
<input type="checkbox"/>	5864483	January 1999	Brichta	
<input type="checkbox"/>	5864662	January 1999	Brownmiller et al.	
<input type="checkbox"/>	5883955	March 1999	Ronning	
<input type="checkbox"/>	5890175	March 1999	Wong et al.	
<input type="checkbox"/>	5893905	April 1999	Main et al.	
<input type="checkbox"/>	5895454	April 1999	Harrington	
<input type="checkbox"/>	5907490	May 1999	Oliver	
<input type="checkbox"/>	5953707	September 1999	Huang et al.	
<input type="checkbox"/>	5974391	October 1999	Hongawa	
<input type="checkbox"/>	5974395	October 1999	Bellini et al.	705/9
<input type="checkbox"/>	5974403	October 1999	Takriti et al.	
<input type="checkbox"/>	5987423	November 1999	Arnold et al.	
<input type="checkbox"/>	5999525	December 1999	Krishnaswamy et al.	
<input type="checkbox"/>	6006016	December 1999	Faigon et al.	
<input type="checkbox"/>	6006196	December 1999	Feigin et al.	
<input type="checkbox"/>	6058426	May 2000	Godwin et al.	
<input type="checkbox"/>	6067525	May 2000	Johnson et al.	
<input type="checkbox"/>	6104868	August 2000	Peters et al.	
<input type="checkbox"/>	6105069	August 2000	Franklin et al.	709/229
<input type="checkbox"/>	6151582	November 2000	Huang et al.	
<input type="checkbox"/>	6157915	December 2000	Bhaskaran et al.	705/7
<input type="checkbox"/>	6167378	December 2000	Weber, Jr.	
<input type="checkbox"/>	6195697	February 2001	Bowman-Amuah	
<input type="checkbox"/>	6199204	March 2001	Donohue	717/178
<input type="checkbox"/>	6219700	April 2001	Chang et al.	709/222
<input type="checkbox"/>	6253339	June 2001	Tse et al.	
<input type="checkbox"/>	6256676	July 2001	Taylor et al.	709/246

<input type="checkbox"/>	6289462	September 2001	McNabb et al.	713/201
<input type="checkbox"/>	6314565	November 2001	Kenner et al.	717/171
<input type="checkbox"/>	6347398	February 2002	Parthasarthy et al.	717/178
<input type="checkbox"/>	6349237	February 2002	Koren et al.	
<input type="checkbox"/>	6470496	October 2002	Kato et al.	717/173
<input type="checkbox"/>	6487718	November 2002	Rodriguez et al.	717/177

#### OTHER PUBLICATIONS

Tan et al, "Applying component technology to improve global supply chain network management", ACM pp. 296-301, 1999.\*

Ball et al, "Supply chain infrastructures system integration and information sharing", ACM SIGMOD, vol. 31, No. 1, pp. 61-66, Mar. 2002.\*

Fu et al, "Multi agent enabled modeling and simulation towards collaborative inventory management in supply chains", ACM Proc. winter simulation, pp. 1763-1771, 2000.\*

Zhao et al, "Data management issues for large scale distributed workflow system on the internet", The database for Adv. in Inf. Sys. vo. 29, No. 4, pp. 22-32, 1998.\*

"Network Trends: Internet Technology Improves Supply Chain Management". Asia computer Trends. Singapore. Dec. 14, 1998.

"Network Two Chooses Netcool to Support Ongoing Expansion and Proactive Management Initiative", Business Wire, Nov. 2, 1998, 2 pages, [Retrieved on Mar. 19, 2002], Retrieved from: Proquest.

"Proactive Networks Offers TelAlert-Pronto Watch 2.5 Integration", business Wire, Nov. 2, 1998, 2 pages, [Retrieved on Mar. 19, 2002], Retrieved from: Proquest.

"User's Guide for Microsoft Project." 1995; Microsoft Corporation. pp. 3,4,14-16, 82-84, 91, 130, 132-134, 175, 209. Document No. Pj62476-0895.

ART-UNIT: 2122

PRIMARY-EXAMINER: Khatri; Anil

ATTY-AGENT-FIRM: Oppenheimer Wolff & Donnelly, LLP Nader; Rambed

#### ABSTRACT:

A system, method and article of manufacture are provided for collaborative installation management in a network-based supply chain environment. According to an embodiment of the invention, telephone calls, data and other multimedia information are routed through a network system which includes transfer of information across the internet utilizing telephony routing information and internet protocol address information. The system includes integrated Internet Protocol (IP) telephony services allowing a user of a web application to communicate in an audio fashion in-band without having to pick up another telephone. Users can click a button and go to a call center through the network using IP telephony. The system invokes an IP telephony session simultaneously with the data session, and uses an active directory lookup whenever a user uses the system. Users include service providers and manufacturers utilizing the network-based supply chain environment.

18 Claims, 130 Drawing figures



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L13: Entry 3 of 8

File: USPT

Nov 19, 2002

US-PAT-NO: 6484149

DOCUMENT-IDENTIFIER: US 6484149 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Systems and methods for viewing product information, and methods for generating web pages

DATE-ISSUED: November 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jammes; Pierre J.	Bellevue	WA		
Franklin; D. Chase	Seattle	WA		
Remington; Darren B.	Issaquah	WA		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 08/ 948453 [PALM]

DATE FILED: October 10, 1997

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/26

US-CL-CURRENT: 705/26

FIELD-OF-SEARCH: 705/26, 705/27, 705/28

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

[Search Selected](#)

[Search ALL](#)

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> 5491795	February 1996	Beaudet et al.	345/346
<input type="checkbox"/> 5715314	February 1998	Payne et al.	380/24
<input type="checkbox"/> 5745681	April 1998	Levine et al.	705/26
<input type="checkbox"/> 5790116	April 1998	Malone et al.	345/335
<input type="checkbox"/> 5757917	May 1998	Rose et al.	380/25
<input type="checkbox"/> 5848399	December 1998	Burke	705/27
<input type="checkbox"/> 5855015	December 1998	Shoham	707/5
<input type="checkbox"/> 5897622	April 1999	Blinn et al.	705/26
<input type="checkbox"/> 5956487	September 1999	Venkatraman et al.	340/825.06
<input type="checkbox"/> 5970471	October 1999	Hill	705/26
<input type="checkbox"/> 6014638	January 2000	Burge et al.	705/27

ART-UNIT: 2132

PRIMARY-EXAMINER: Smithers; Matthew

ATTY-AGENT-FIRM: Lee & Hayes, PLLC

ABSTRACT:

A system and method for designing and operating an electronic store (1) permit a merchant to organize and advertise descriptions of product inventory over the Internet, (2) permit Web page information to be extracted on-demand from a product inventory database, and (3) permit Web pages to be automatically customized to fit shopping behaviors of individual consumers. A graphical store design user interface of a Web browser displays a hierarchical representation of products and, product groups of an electronic store. A user manipulates icons of the Web browser store design user interface to cause a Web server to modify relationships between products and product groups stored in a product information database. A store designer creates HTML template files, embeds database and customize references within the template files, and assigns template files to groups or products of the electronic store.

The Web server receives requests to access Web pages from consumers using standard Web browsers. The Web server opens a template file related to the requested Web page, creates hyperlinks and other information content by executing database references embedded within the template file, and merges the hyperlinks and content with the template file to generate an HTML Web page to send to the Web browser. The Web server automatically creates additional hyperlinks to any Web pages or products preferred by the consumer by executing customize instructions associated with customize references in a template file. To determine whether any products or Web pages are preferred by a consumer, the Web server examines a traffic analysis database and extracts the consumer's history of accesses to Web pages and orders of products. For each Web page the consumer has accessed, the Web server uses preferred page rules to determine whether the page was accessed with sufficient frequency to generate a hyperlink to the page. For each product the consumer ordered, the Web server uses preferred product rules to determine whether the product was ordered with sufficient frequency to generate a hyperlink to a page offering the product.

17 Claims, 33 Drawing figures



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L13: Entry 4 of 8

File: USPT

Sep 3, 2002

US-PAT-NO: 6446045

DOCUMENT-IDENTIFIER: US 6446045 B1

TITLE: Method for using computers to facilitate and control the creating of a plurality of functions

DATE-ISSUED: September 3, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stone; Lucinda	Dallas	TX	75240	
Dean; Michael A.	Dallas	TX	75240	

APPL-NO: 09/ 480303 [PALM]

DATE FILED: January 10, 2000

INT-CL: [07] C06 F 17/60

US-CL-ISSUED: 705/26

US-CL-CURRENT: 705/26

FIELD-OF-SEARCH: 705/14, 705/26, 705/27

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> 5193056	March 1993	Boes	
<input type="checkbox"/> 5581461	December 1996	Coll et al.	
<input type="checkbox"/> 5724520	March 1998	Goheen	
<input type="checkbox"/> 5794207	August 1998	Walker et al.	
<input type="checkbox"/> 5797126	August 1998	Helbling et al.	
<input type="checkbox"/> 5845261	December 1998	McAbian	
<input type="checkbox"/> 5878141	March 1999	Daly et al.	
<input type="checkbox"/> 5884277	March 1999	Khosla	
<input type="checkbox"/> 5893076	April 1999	Hafner et al.	
<input type="checkbox"/> 5946646	August 1999	Schena	
<input type="checkbox"/> 6026371	February 2000	Beck et al.	705/14
<input type="checkbox"/> 6038545	March 2000	Mandeberg et al.	705/27
<input type="checkbox"/> 6064967	May 2000	Speicher	705/14
<input type="checkbox"/> 6119101	September 2000	Peckover	705/14
<input type="checkbox"/> 6324519	November 2001	Eldering	705/14
<input type="checkbox"/> 2001/0011226	August 2001	Greer et al.	705/14

#### FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
408249426	September 1996	JP	

#### OTHER PUBLICATIONS

"Groups set to unveil Web ad guidelines" Dec. 9, 1996, Advertising Age, vol. 67, No. 50, p. 1.\*

"ABC formally launches Reader Profile Service as NAA unveils the NICC's silhouette" Aug. 2, 1999, NewsInc, vol. 11, NO. 1.\*

Hamblen, Matt, "Shell protects brand via net" Jan. 10, 2000, Computerworld, vol. 34, No. 2, p. 39.

ART-UNIT: 2167

PRIMARY-EXAMINER: Olszewski; Robert P.

ASSISTANT-EXAMINER: Jaketic; Bryan

ATTY-AGENT-FIRM: Croskell, Esq.; Henry

#### ABSTRACT:

The present invention is a method and apparatus that allows competing as well as complementing suppliers, vendors, service providers, purveyors, and other types of sellers internal inventory management as well as controlled design and publication of presentations for external near real-time interactive access to buyer-centered presentation, sales, distribution, and confirmation systems as well as other traditional media advertising and outreach. The Automated Media Presentation Generator including a Publication and Placement Control Engine, integrates a Distributed Sales and Inventory Control structure with Processing and Communications Resource Saver, and further provides a Reservation, Access, and Verification System replacing traditional ticket and confirmation methods.

23 Claims, 35 Drawing Figures

# WEST

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L13: Entry 5 of 8

File: USPT

Jul 10, 2001

US-PAT-NO: 6260024  
DOCUMENT-IDENTIFIER: US 6260024 B1

TITLE: Method and apparatus for facilitating buyer-driven purchase orders on a commercial network system

DATE-ISSUED: July 10, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shkedy; Gary	New York	NY	10028	

APPL-NO: 09/ 203843 [PALM]  
DATE FILED: December 2, 1998

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/37; 705/10, 705/28, 705/23, 705/26  
US-CL-CURRENT: 705/37; 705/10, 705/23, 705/26, 705/28

FIELD-OF-SEARCH: 705/28, 705/10, 705/35, 705/26, 705/23, 705/25, 705/14, 705/44, 705/37, 380/25, 380/23

PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

☐ Search Selected ☐ Search ALL

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> 4903201	February 1990	Wagner	
<input type="checkbox"/> 5191613	March 1993	Graziano et al.	
<input type="checkbox"/> 5794207	August 1998	Walker et al.	705/23
<input type="checkbox"/> 5794219	August 1998	Brown	
<input type="checkbox"/> 5835896	November 1998	Fisher et al.	

## FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
411748	June 1991	EP	

## OTHER PUBLICATIONS

Murray, John E Jr, When a contract is not a contract, PP 1-3, Dec. 1996.\*  
Wall street Journal, Eastern edition, PP 1-3, Apr. 1991.\*  
Structuring an Acquisition Strategy, Green, Janet M, PP 1-6, Dec. 1992.\*

Like going to the grocery store, Credit Card Management, James J Daly, PP 1-6, Aug. 1997.\*  
The buyer can't lose, Purchasing, Murray John, PP 1-3, Feb. 1997.\*  
Search Report of International Appln. No. PCT/US99/28507.

ART-UNIT: 212

PRIMARY-EXAMINER: Trammell; James P.

ASSISTANT-EXAMINER: Tesfamariam; Mussie K.

ABSTRACT:

Systems and methods are described for providing a global bilateral buyer-driven system for creating binding contracts by incorporating various methods of communication, commerce and security for the buyers and the sellers. Individual buyers purchase requirements are aggregated into a single collective purchase requirement and sellers are located willing to bid on the collective purchase requirement. A central controller facilitates the buyer/seller transaction by fielding binding offers from buyers, aggregating those offers into group (i.e. pooled) offers and communicating those group offers globally in a format which can be efficiently accessed and analyzed by potential sellers. This system can also effectuate performance of resulting contracts, resolve disputes arising from those contracts, and maintain billing, collection, authentication, and anonymity. The methods disclosed are applicable to any commerce situation involving buyers and sellers.

37 Claims, 17 Drawing figures

# WEST

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L13: Entry 6 of 8

File: USPT

Sep 26, 2000

US-PAT-NO: 6125352

DOCUMENT-IDENTIFIER: US 6125352 A

**\*\* See image for Certificate of Correction \*\***

TITLE: System and method for conducting commerce over a distributed network

DATE-ISSUED: September 26, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Franklin; D. Chase	Seattle	WA		
Remington; Darren B.	Issaquah	WA		
Saliba; Bassam	Kirkland	WA		
Speelpenning; Bert	Kirkland	WA		
Cockrill; Michael	Issaquah	WA		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 08/ 748688 [PALM]

DATE FILED: November 13, 1996

## PARENT-CASE:

PRIORITY This application claims priority from the provisional patent application No. 60/020,891 mailed Jun. 28, 1996, titled, "SYSTEM AND METHOD FOR CONDUCTING COMMERCE OVER A DISTRIBUTED NETWORK."

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/26; 705/27, 709/217, 709/218, 709/219

US-CL-CURRENT: 705/26; 705/27, 709/217, 709/218, 709/219

FIELD-OF-SEARCH: 705/26, 705/27, 705/16, 705/17, 705/18, 705/1, 380/24, 380/25, 235/383, 340/825.35, 395/200.47, 395/200.48, 395/200.49, 709/218, 709/219, 709/217

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

[Search Selected](#)

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	4799156	January 1989	Shavit et al.	364/401
<input type="checkbox"/>	4992940	February 1991	Dworkin	364/401
<input type="checkbox"/>	5469206	November 1995	Strubbe et al.	348/7
<input type="checkbox"/>	5590197	December 1996	Chen et al.	380/24
<input type="checkbox"/>	5640193	June 1997	Wellner	348/7
<input type="checkbox"/>	5664110	September 1997	Green et al.	705/26
<input type="checkbox"/>	5664115	September 1997	Fraser	705/37
<input type="checkbox"/>	5671279	September 1997	Elgamal	380/23
<input type="checkbox"/>	5677955	October 1997	Doggett et al.	380/24
<input type="checkbox"/>	5710887	January 1998	Chelliah et al.	705/26
<input type="checkbox"/>	5721832	February 1998	Westrope et al.	705/27
<input type="checkbox"/>	5744787	April 1998	Teicher	235/380
<input type="checkbox"/>	5757917	May 1998	Rose et al.	380/25
<input type="checkbox"/>	5850446	December 1998	Berger et al.	380/24
<input type="checkbox"/>	5918213	June 1999	Bernard et al.	705/26
<input type="checkbox"/>	5956483	September 1999	Grate et al.	709/203

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General overview and description of eShop Technology, Internet address: <http://www.eshop.com/corp/technology.html>. This reference was copied from the Internet and printed around May, 1996, although the pages are dated Jan. 1, 1996. A compilation of press releases of various dates describing features of eShop Technology, Internet address: <http://www.eshop.com/corp/press.html>. This reference was copied from Internet and printed around May, 1996, although the pages are dated Jan. 1, 1996. Also note dates listed for press release of Nov. 7, 1995, Dec. 7, 1995, and Jan. 23, 1996.

ART-UNIT: 271

PRIMARY-EXAMINER: Cosimano; Edward R.

ATTY-AGENT-FIRM: Lee & Hayes, PLLC

#### ABSTRACT:

A system and method for conducting commerce over a distributed network manage merchant and product information in an electronic shopping basket, payment source information in an electronic wallet, and shipping address information in an electronic address book, all of such information being stored on a consumer computer. A commerce client running on the consumer computer is configured as a MIME handler and extends the functionality of a standard Web browser to support computer-based shopping. A merchant site Web server provides HTML-coded Web documents which describe merchant products and which host computer-based shopping options. The HTML-coded Web documents contain function-calling information by which consumer-selected options invoke shopping-related functions on either the merchant (server) computer or the consumer (client) computer. A consumer selects the options from within the Web browser to initiate shopping-related operations such as: retrieve product information from merchants on the World Wide Web, selectively store product information from different merchants, locally compare product address information and selectively forward such information to merchant sites, order products from Web-based merchants, track the status of purchase orders, and receive instructional information on application usage.

25 Claims, 12 Drawing figures

# WEST



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L13: Entry 7 of 8

File: USPT

Sep 15, 1998

US-PAT-NO: 5809144

DOCUMENT-IDENTIFIER: US 5809144 A

TITLE: Method and apparatus for purchasing and delivering digital goods over a network

DATE-ISSUED: September 15, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sirbu; Marvin A.	Pittsburgh	PA		
Tygar; J. D.	Pittsburgh	PA		
Cox; Benjamin T. H.	Pittsburgh	PA		
Wagner; Thomas	Pittsburgh	PA		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Carnegie Mellon University	Pittsburgh	PA			02

APPL-NO: 08/ 519074 [PALM]

DATE FILED: August 24, 1995

INT-CL: [06] H04 L 9/00

US-CL-ISSUED: 380/25; 380/9, 380/21, 380/23, 380/24, 380/29, 380/30, 380/49, 380/59, 705/26, 705/27

US-CL-CURRENT: 705/53; 380/282, 380/29, 380/30, 380/59, 705/26, 705/27, 705/75, 705/78, 705/80

FIELD-OF-SEARCH: 380/4, 380/9, 380/23, 380/24, 380/25, 380/21, 380/29, 380/30, 380/44, 380/46, 380/49, 380/50, 380/59, 395/226, 395/227, 395/230, 395/235, 395/239, 395/240, 395/242, 395/244, 705/26, 705/27, 705/39, 705/40, 705/41, 705/42, 705/43, 705/44, 705/45

PRIOR-ART-DISCLOSED:

## U.S. PATENT DOCUMENTS

Search Selected

Search ALL

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> 5191573	March 1993	Hair	
<input type="checkbox"/> 5383113	January 1995	Right et al.	

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B. Clifford Neuman, Proxy-Based Authorization and Accounting for Distributed Systems, Proceedings of the 13th International Conference on Distributed Computing Systems, Pittsburgh, May 1993.

Internet Billing Service Design and Prototype Implementation INI Technical Report TR 1992-2, Richard Batelaan, Mar. 30, 1993.  
 The Internet Billing Server Transaction Protocol Alternatives INI TR 1994-1, Kevin O'Toole, Apr. 26, 1994.  
 Network Based Billing Server TR 1991-7, Stephen Mak.  
 Alireza Bahreman, Certified Electronic Mail, Feb., 1994.  
 "How NetBill works"; no author listed; earliest copyright date is 1995; Carnegie Mellon University; posted on the Internet at <http://www.netbill.com/netbillworks.html>.  
 iKP--A Family of Secure Electronic Payment Protocols, Mihir Bellare, Juan A. Garay, Ralf Hauser, Amir Herzberg, Hugo Krawczyk, Michael Steiner, Gene Tsudik and Michael Waidner, believed to be published on May 8, 1995.  
 Carnegie Mellon University Information Networking Institute, Maintaining Privacy In Electronic Transactions, Benjamin T.H. Cox, believed to be published before Aug. 24, 1995.  
 A Secure, Cheap, Scalable and Exportable/Importable Method for Internet Electronic Payments, Wenbo Mao, believed to be published on May 4, 1995.  
 Richard Batelaan et al., An Internet Billing Server: System Requirements, Carnegie Mellon University, Jul., 1992 TR 1992-1.  
 Eric Bodner et al., An Internet Billing Server: MS4 Billing Server Prototype Scope Document, Carnegie Mellon University, 1993 TR 1993-1.  
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 Eric Bodner et al., The Internet Billing Server: Design Document, Carnegie Mellon University, 1993, TR 1993-3.  
 Eric Bodner et al., An Internet Billing Server: Analysis of Distributed Computing and Cross Platform Issues, Carnegie Mellon University, 1993 TR 1993-4.  
 Eric Bodner et al., An Internet Billing Server: Availability, Reliability & Scalability Issues in the MS4 Billing Server Design & Prototype, Carnegie Mellon University, 1993 TR 1993-5.

ART-UNIT: 362

PRIMARY-EXAMINER: Gregory; Bernarr E.

ATTY-AGENT-FIRM: Kirkpatrick & Lockhart LLP

#### ABSTRACT:

A method for purchasing and delivering goods over a network is comprised of the steps of identifying a digital good to be purchased. A purchase price for the digital good is negotiated. After the negotiation step, an authenticated purchase request is sent to the merchant. The merchant encrypts the desired digital good and calculates a first cryptographic checksum for the encrypted good. The encrypted digital good and the first cryptographic checksum together with a timestamp are then transmitted to the customer. The customer calculates a second cryptographic checksum for the received encrypted digital good. The customer creates an electronic payment order containing information identifying the transaction, the second cryptographic checksum, credentials, and the timestamp. The electronic payment order is transmitted to the merchant. The merchant compares the first and second cryptographic checksums to ensure that they match, and if so, the merchant adds an electronic signature and a decryption key to the electronic payment order. The merchant submits the merchant signed electronic payment order and the key to an account server for review. The account server reviews the information in the electronic payment order and sends a message, including the key if the review is positive, to the merchant. The merchant forwards the message to the customer. If the message contained the key, the customer uses the key to decrypt the goods.

128 Claims, 10 Drawing figures

## End of Result Set



Generate Collection

Print

L13: Entry 8 of 8

File: USPT

Jan 17, 1989

US-PAT-NO: 4799156

DOCUMENT-IDENTIFIER: US 4799156 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Interactive market management system

DATE-ISSUED: January 17, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Shavit; Eyal	New York	NY		
Teichner; Lester	Chicago	IL		

## ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Strategic Processing Corporation	New York	NY			02

APPL-NO: 06/ 914172 [PALM]

DATE FILED: October 1, 1986

INT-CL: [04] G06F 15/21

US-CL-ISSUED: 364/401; 364/408

US-CL-CURRENT: 705/26; 705/28, 705/39, 705/40, 705/42, 705/44

FIELD-OF-SEARCH: 364/400-408, 364/2MSFile, 364/9MSFile, 340/825.26, 340/825.27, 340/825.28

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> 3573747	April 1971	Adams et al.	340/825.27 X
<input type="checkbox"/> 3688276	August 1972	Quinn	364/200
<input type="checkbox"/> 4186438	January 1980	Benson et al.	364/200
<input type="checkbox"/> 4346442	August 1982	Musmanno	364/408
<input type="checkbox"/> 4376978	March 1983	Musmanno	364/408
<input type="checkbox"/> 4449186	May 1984	Kelly et al.	364/900 X
<input type="checkbox"/> 4674044	June 1987	Kalmus et al.	364/408
<input type="checkbox"/> 4677552	June 1987	Sibley, Jr.	364/408
<input type="checkbox"/> 4694397	September 1987	Grant et al.	364/408

#### FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
1489572	October 1977	GB	364/408

#### OTHER PUBLICATIONS

Electronic Data Interchange.  
 United States Electronic Data Interchange (EDI) Standards, The Electronic Data Interchange Association, 1985.  
 Networking: Japan's Latest Computer Craze, Fortune, July 7, 1986.

ART-UNIT: 236

PRIMARY-EXAMINER: Smith; Jerry

ASSISTANT-EXAMINER: MacDonald; Allen

ATTY-AGENT-FIRM: Welsh & Katz, Ltd.

#### ABSTRACT:

A system for interactive on-line electronic communications and processing of business transactions between a plurality of different types of independent users including at least a plurality of sellers, and a plurality of buyers, as well as financial institutions, and freight service providers. Each user can communicate with the system from remote terminals adapted to access communication links and the system may include remote terminals adapted for storage of a remote data base. The system includes a data base which contains user information. The data base is accessed via a validation procedure to permit business transactions in an interactive on-line mode between users during interactive business transaction sessions wherein one party to the transaction is specifically selected by the other party. The system permits concurrent interactive business transaction sessions between different users.

43 Claims, 34 Drawing figures

**WEST**☐ Generate Collection☐ Print

L4: Entry 2 of 3

File: DWPI

Apr 12, 2002

DERWENT-ACC-NO: 2002-389719

DERWENT-WEEK: 200242

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TITLE: Electronic transactions method involves changing temporary purchase order of component ordered to component selling site, into formal purchase order after confirming payment of price from payment agent system

PATENT-ASSIGNEE: NEC CORP (NIDE)

PRIORITY-DATA: 2000JP-0294992 (September 27, 2000)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 2002109431 A	April 12, 2002		005	G06F017/60

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP2002109431A	September 27, 2000	2000JP-0294992	

INT-CL (IPC): G06 F 17/60

ABSTRACTED-PUB-NO: JP2002109431A

## BASIC-ABSTRACT:

NOVELTY - A finished product selling site (2) changes temporary purchase order of the component ordered to a component selling site (3), into formal purchase order after confirming the payment of the price of the finished product to a payments agent system (4) from a customer (1).

USE - For conducting transaction and settling payments for transaction through internet.

ADVANTAGE - As the temporary purchase order is changed into formal purchase order, the component selling site can cancel freely the contract with the finished product selling site. The risk associated with the component selling site is reduced.

DESCRIPTION OF DRAWING(S) - The figure shows the electronic transactions system. (Drawing includes non-English language text).

Customer 1

Finished product selling site 2

Component selling site 3

Payments agent system 4

ABSTRACTED-PUB-NO: JP2002109431A

## EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/4

**WEST****End of Result Set**

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L4: Entry 3 of 3

File: DWPI

Apr 30, 1996

DERWENT-ACC-NO: 1996-265389

DERWENT-WEEK: 199627

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TITLE: Selling processing method using prepaid card - involves changing and  
resetting use price to host computer

PATENT-ASSIGNEE: KUBOTA CORP (KUBI)

PRIORITY-DATA: 1994JP-0247410 (October 13, 1994)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 08110972 A	April 30, 1996		006	G07F007/08

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 08110972A	October 13, 1994	1994JP-0247410	

INT-CL (IPC): G07 F 7/08

ABSTRACTED-PUB-NO: JP 08110972A

## BASIC-ABSTRACT:

The method involves performing a transaction in a payment machine located in site A or site B. When the prepaid card is used in the machine located in site A, the corresp. amount is charged to the card.

The data is updated in the computer at the site A. At the same time the affiliated location is also read from the card. Based on this information the card data is also updated at the host computer located in site B.

ADVANTAGE - Improves operation. Makes it possible to use single card at machines located in different sites.

ABSTRACTED-PUB-NO: JP 08110972A

## EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/4

DERWENT-CLASS: T05

EPI-CODES: T05-H02C1; T05-H08C; T05-L01D;